

**APPENDIX TO PRELIMINARY AMENDMENT FILED JUNE 25, 2003**

Please amend claim 6 as follows:

6. (Amended) A method for adjusting an optical system of an energy beam apparatus according to claim 1, further comprising:

[preparing a mark having a one-dimensional or two-dimensional periodic structure;

detecting a first mark signal by scanning said mark with an energy beam, said mark being set on an optical axis of said optical system;

detecting a second mark signal by scanning said mark with an energy beam, said mark being located at a position that is deviated from said optical axis of said optical system; and]

preparing the mark, wherein the mark signals include a first mark signal and a second mark signal;

detecting the mark signals includes:

detecting the first mark signal by scanning the mark with the energy beam, the mark being set on an optical axis of the optical system; and

detecting the second mark signal by scanning the mark with the energy beam, the mark being located at a position that is deviated from the optical axis of the optical system; and

determining the variation includes determining a deviation of a deflection position based on a phase deviation between [said] the first and second mark signals.